

Section C - Descriptions and Specifications

STATEMENT OF WORK**Provide Water & Sewer to Three New Guard Buildings:**

Non personal service contract to provide all labor, material, equipment transportation, and supervision to provide water and sewer to three each guard buildings being installed on Fort McCoy. Work must conform to all Federal, State, and Local codes. Contractor shall provide data showing he or she is qualified and trained to complete this type of work.

General work scope:

- 1) See one line drawings for location, as builds, and approximate distances. (It is the responsibility of prospective contractors to determine exact lengths)
- 2) Contractor shall make all connections on both ends of the water and sewer lines to insure the facility fully operational.
- 3) All water lines shall have no less than a five-foot bury.
- 4) All sewer lines with less than a four-foot bury shall be insulated as per Wisconsin plumbing code.
- 5) Contractor shall bore or excavate and restore all road surfaces to existing condition.
- 6) Contractor shall restore all grounds to existing condition to include seeding.
- 7) It is the responsibility of the contractor to coordinate all utility locates prior to construction.
- 8) As water outages can greatly effect the operations of Fort McCoy. Contractor shall coordinate all water outages with all personal being affected a minimum of 48 hours in advance of the outage.

800 block guard building:

From existing manhole 8-A (located at the corner of east 13th and E-S-Street) extend a 6" plastic sewer line to the new building. Contractor shall provide a manhole were the line turn at a 45 degree angle and a clean out at the building.

From the existing water main the contractor shall extend a 2" rolled plastic water main with #12 trace wire to new building. Contractor shall tap the existing water main and provide a curb shut off with box as close to the main as possible. In addition the contractor shall provide a 2" curb shut off approximately 5 feet from the new guard building.

Pine View Camp Ground guard building:

From existing manhole 14 (located in circle one) extend a 6" plastic sewer line to the new building. Contractor shall provide a clean out at the building.

From the existing water main the contractor shall extend a 2" rolled plastic water main with #12 trace wire to new building. Contractor shall tap the existing water main and provide a 2" curb shut off approximately 5 feet from the new guard building.

Housing Area guard building:

From existing manhole 32-B (located NW of the intersection of quartermaster road and Forseman) extend a 6" plastic sewer line to the new building. Contractor shall provide a clean out at the building.

From the existing water main the contractor shall extend a 2" rolled plastic water main with #12 trace wire to new building. Contractor shall tap the existing water main and provide a curb shut off with box as close to the main as possible. In addition the contractor shall provide a 2" curb shut off approximately 5 feet from the new guard building. Note: the attached drawing indicates that the plastic water main located on the northwest side of middle street. The government has reason to believe that the line is on the opposite side of the street. Therefore contractor shall provide a line item bid if the line is located on opposite side of the street. Line item cost

Material:

Water piping:

2" Black Polyethylene rolled 2", minimum of 100-psi rating. All connection fittings shall be brass, with stainless steel clamps.

Sewer pipe:

6" plastic gravity pipe SDR-35 with ring-tite joints.

Trace wire:

Number 12 copper stranded.

Manholes:

Concrete with cast iron rings and covers.

Curbs:

Brass 2" threaded inlet and out let with cast iron box and cover.

Project Drawings:

As the government does not have electronic project drawing for this project, contractors can pick up one line drawing from the POC for the project or can pick up one line drawing from Kris Murray, Bldg. 2103, telephone #(608) 388-2702.

Project POC:

Harry Dugan, Building 2171, telephone 608-388-5396.

Site visit:

A joint site visit will be conducted on 13 August 2002, at 10:30 a.m. All prospect bidders should meet at Building 2171 at 10:30 a.m. on 13 Aug in order to inspect the job site.